

B2

- a) comparing candidate sound commands from at least two device predetermined tables to previously-stored sound commands to determine an accuracy value therebetween; and
- b) if the accuracy values each are less than a predetermined value, installing the candidate sound commands of each device in the speech menu.

B3

- 21. (Amended) A method of building a speech menu to control at least two devices, comprising:
 - identifying at least two devices, each device having at least one candidate audio command associated with it,
 - comparing each of the candidate audio commands of each device with previously registered audio commands to develop an accuracy value, and
 - adding to the speech menu those candidate audio commands for which associated accuracy values exceed a predetermined value.
- 22. (Amended) The method of claim 21, further comprising installing a new execution command in association with any stored candidate audio commands.

B4

- 26. (Amended) ~~A method of building a speech menu to control at least two~~ devices, comprising:
 - comparing at least one candidate audio command from each device with each audio command previously installed in the speech menu to develop an accuracy value, and
 - installing the candidate audio commands in the speech menu if each of the accuracy values exceeds a predetermined value.
- 27. (Amended) The method of claim 26, further comprising installing an execution command in association with the candidate audio command.

B5

- 31. (Amended) The method of claim 26, wherein the comparing and installing occur automatically, without user intervention
- 32. (Amended) The speech-enabled apparatus of claim 8, wherein any one of the candidate audio commands is one of a plurality of candidate audio commands defined in a table associated with an execution command.

BS 33. (Amended) The speech-enabled apparatus of claim 8 further capable of installing an execution command in association with a candidate audio command.

35. (Amended) A computer data signal embodied in a carrier wave to develop a speech menu for a speech-enabled application, the computer data signal comprising:

a) a comparison source code segment comparing, candidate audio commands of at least two devices with previously registered audio commands to develop accuracy values, and

b) an installation source code segment installing the candidate audio commands in the speech menu if each of the accuracy values associated with the respective candidate audio command exceeds a predetermined value.

Please add new claims 37-49.

37. A method for building a speech menu from separate pre-existing speech menus, comprising:

determining a similarity of at least two predetermined and pre-trained audio commands from the pre-existing speech menus by comparing each audio command to the others, to determine an accuracy value; and

combining each of the at least two audio commands in a final speech menu, wherein the accuracy value for each audio command is greater than or equal to a predetermined value.

38. The method of claim 37, wherein the predetermined value is a function of at least one of the accuracy value, a predetermined threshold value and an average accuracy value, the average accuracy value being determined as a function of an average of a plurality of prior accuracy values.

39. The method of claim 37, wherein each accuracy value is determined according to an acoustical matching procedure.

40. The method of claim 37, wherein an execution command is associated with any audio command in the final speech menu.

41. The method of claim 37, wherein the candidate audio commands are selected from speech, tones, or combinations thereof.

42. The method of claim 37, wherein the determining and combining occur automatically, without user intervention.

43. A speech-enabled apparatus comprising:

a distance accuracy module capable of determining the similarity of at least two pre-trained audio commands, each pre-trained audio command being selected from a pre-existing speech menu, and capable of installing each pre-trained audio command into a final speech menu unless an accuracy value for each audio command is less than a predetermined value.

44. The speech-enabled apparatus according to claim 43, wherein the speech-enabled apparatus includes a computer.

45. The speech-enabled apparatus according to claim 43, wherein the speech-enabled apparatus is coupled to at least one device using at least one of a serial connection, a parallel connection, a dedicated card connection, an internet connection, a wireless connection, or combinations thereof.

46. The speech-enabled apparatus according to claim 43, wherein the at least one device includes at least one of a computer, a stereo system, a telephone, a VCR, a home appliance control device, a cordless computer access device, a lighting system, or combinations thereof.

47. A set of instructions residing in a storage medium, the set of instructions capable of being executed by a processor to implement development of a speech menu, the method comprising the steps of:

- a) determining a similarity of at least two pre-trained audio commands from pre-existing speech menus by comparing each audio command to the others to determine an accuracy value for each audio; and
- b) combining each of the at least two audio commands in a final speech menu, wherein the accuracy value for each audio command is greater than or equal to a predetermined value.

48. The set of instructions according to claim 47, wherein the predetermined value is a function of at least one of the accuracy value, a predetermined threshold value and an average accuracy value, the average accuracy value being determined as a function of an average of a plurality of prior accuracy values.

- b1 49. A computer data signal embodied in a carrier wave to develop a speech menu, the computer data signal comprising:
- a) a determining source code segment comparing at least two pre-trained audio commands from pre-existing speech menus, to determine the similarity between the audio commands, and
 - b) a combining source code segment installing the candidate audio commands in a final speech menu if an accuracy value for each audio command exceeds or meets a predetermined value.
-